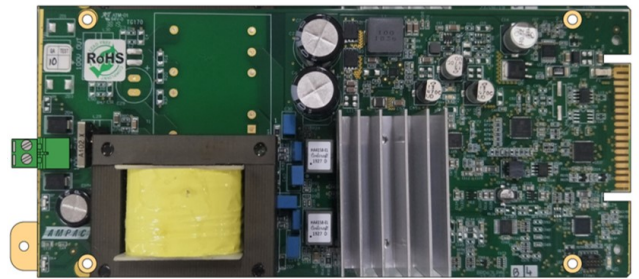


Fire detection and evacuation solutions that save lives.

EvacU^{Elite} 50 Watt Amplifier Card

- ✓ Occupies two slots in the EvacU^{Elite} Universal Rack Frame.
- ✓ Class D amplifier providing one 50 Watt audio output with DC monitoring.
- ✓ Up to 8 x 50 Watt Amplifiers can be fitted into one Universal Rack .
- ✓ Dual colour LED visual indications provide comprehensive module status.
- ✓ One BGM source and one channel can be configured.



EvacU^{Elite} 50 Watt Amplifier Card

Product Overview

The 50 Watt Amplifier Card occupies two slots in the EvacU^{Elite} Universal Rack.

The 50 Watt Amplifier Card provides one 50 Watt audio output with DC monitoring.

The channel source configured routes the tones and message selection to the amplifier.

Optional - A BGM source input is configurable which routes the selected music source to the amplifier.

Connected speaker circuits should include capacitors fitted so the dc EOL speaker monitoring circuit is functional.

Specifications

Distortion	$\leq 0.1\%$ @ 50 Watt
Frequency Response (AS 4428,16)	400 Hz to 10 kHz +/- 1 dB w.r.t. 1 kHz 200 Hz to 12 kHz +/- 3 dB w.r.t. 1 kHz
SNR	$\geq 70\%$
Speaker Circuit Monitoring	DC, nominal 47 k Ω
Max Drive Voltage	100 V rms @ full load
Maximum Output Current	500 mA
Input	Audio Stream 32 kHz 16 bit audio
No. of Rack Slots	2
Current Consumption	132 mA @ 24 V DC (Quiescent) 1139 mA (Full Audio Load 50 W) AS 4428.16 Tones 650 mA (Audio Load 25 W) AS 4428.16 Tones

Item Numbers

6350-LPA50W	50 Watt Amplifier Card
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